

Fig. 1

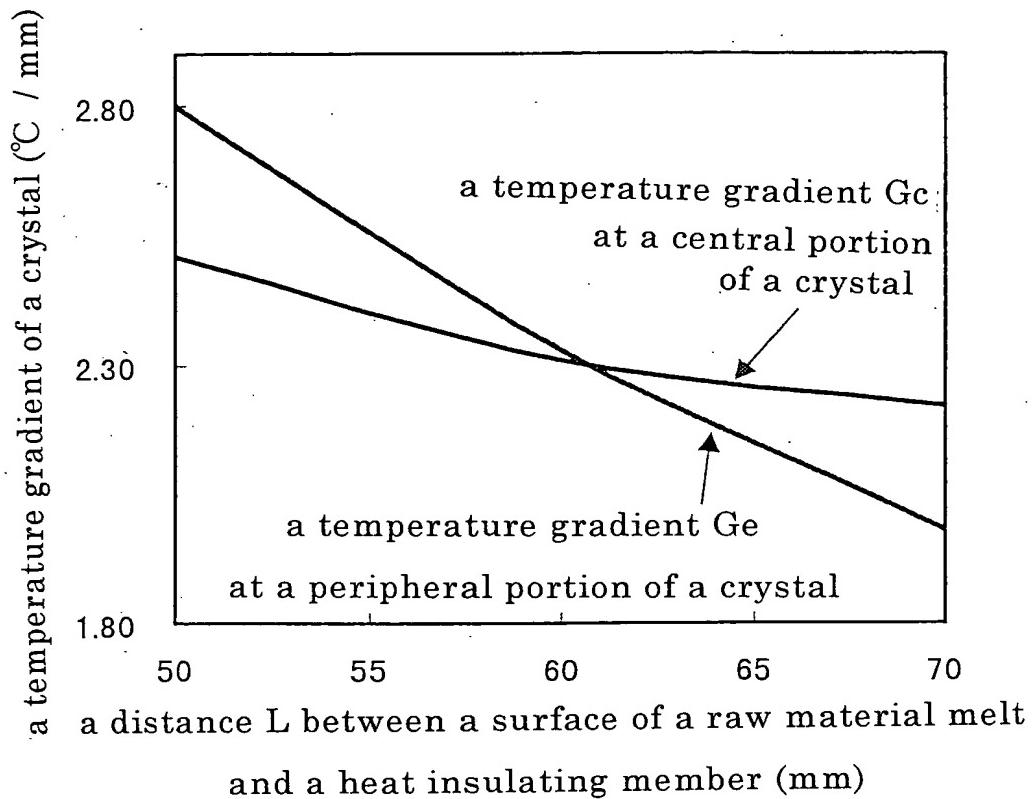
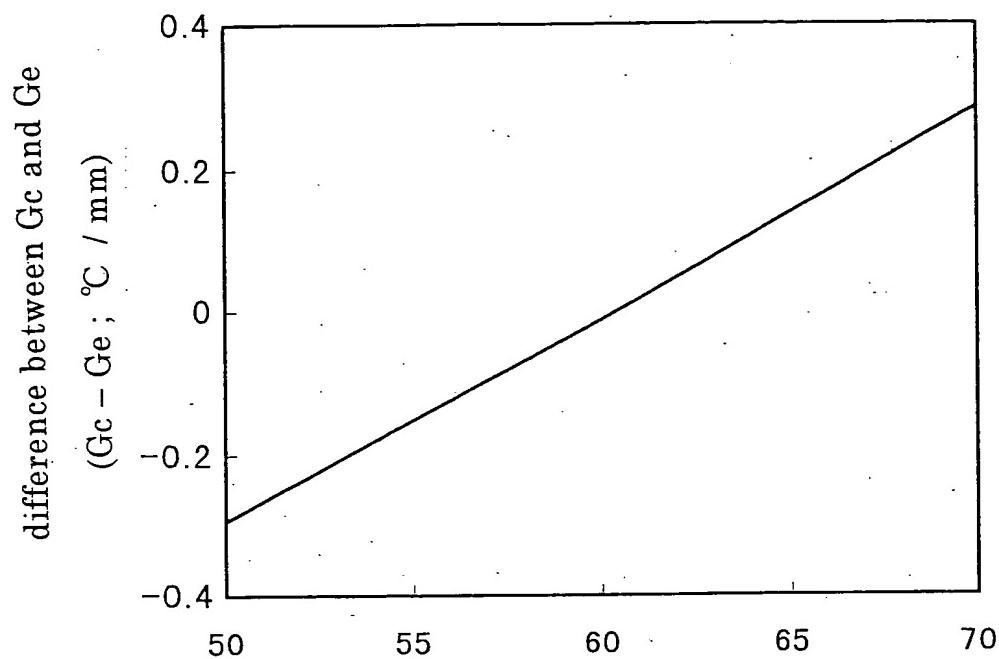


Fig.2

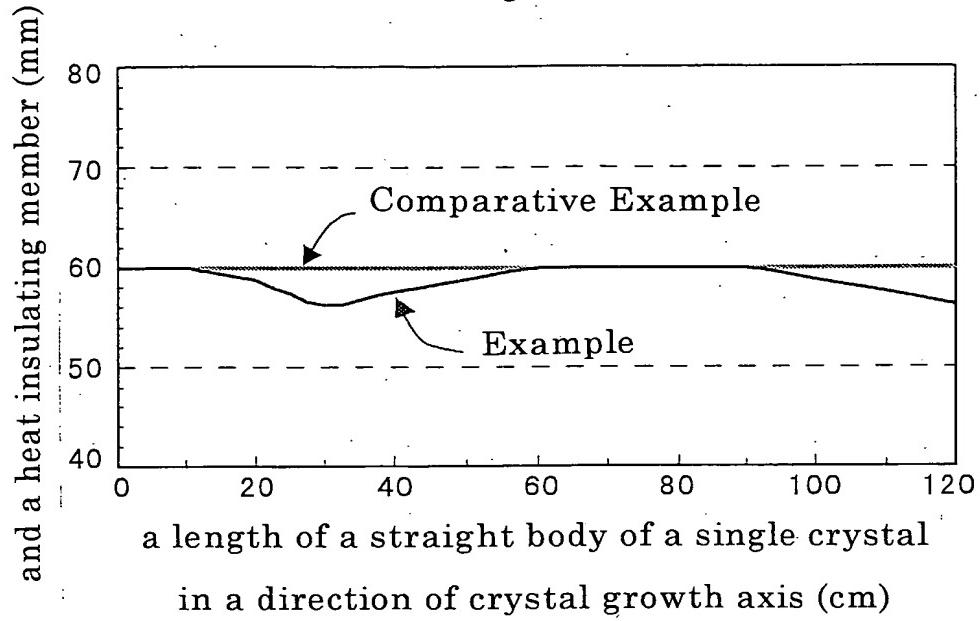


a distance L between a surface of a raw material melt
and a heat insulating member (mm)

a distance L between a surface of a raw material melt

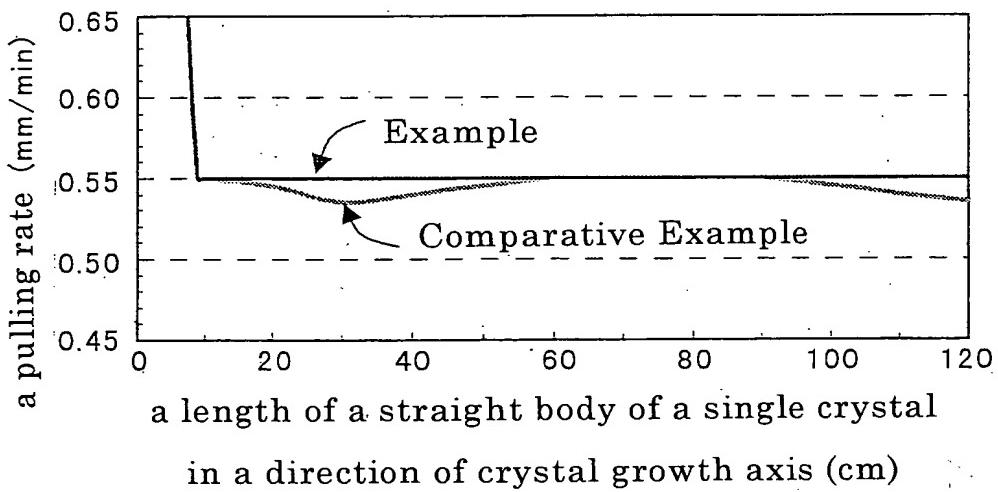
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Fig.3



a length of a straight body of a single crystal
in a direction of crystal growth axis (cm)

Fig.4



a length of a straight body of a single crystal
in a direction of crystal growth axis (cm)

Fig.5

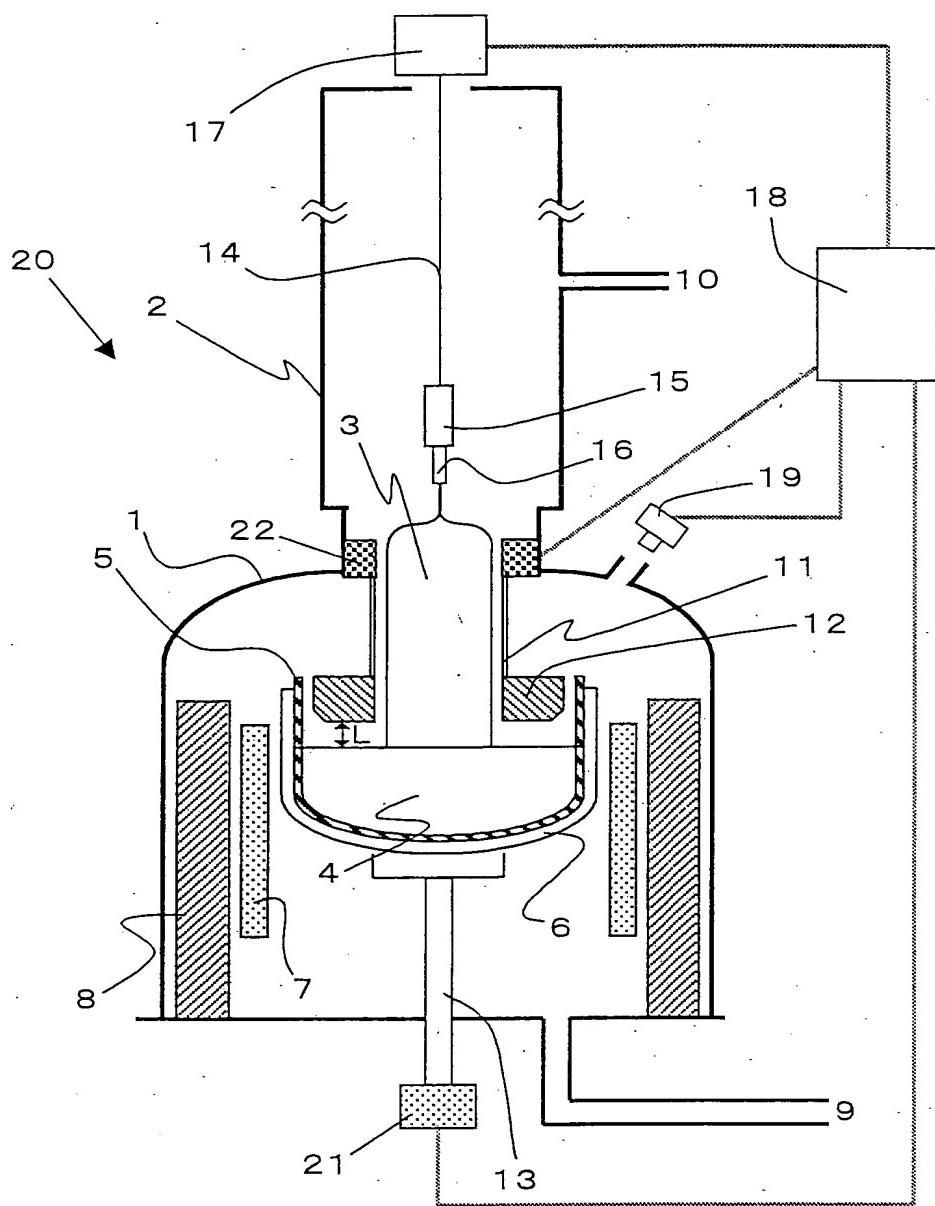


Fig.6

